

Datasheet

Tower server Intel single-CPU TI1506-INXEN

[Ver. 2.0]

Highlights at a glance:

- Incl. Intel Pentium G7400, can be equipped with a CPU (Xeon E-2400 (Raptor Lake-E)) up to 8 cores
- Incl. 16 GB RAM, upgradeable up to 128GB RAM, (4 DIMMs)
- 6x 3.5" / 2.5" (Hot-swap) up to 184.32 TB, SSDs: 184.32 TB
- Expandable with 2 FP/ HL add-on card(s), 1x PCIe 5.0 x16
- Integrated IPMI (dedicated NIC)
- Conversion kit available (for use with a 19" rack).



Mainboards

Manufacturer	ASUS	ASUS
Mainboards	ASUS P13R-M	ASUS P13R-M/10G-2T
Chipset	Intel C262	Intel C262
Socket	Intel LGA 1700 - Server	Intel LGA 1700 - Server
Processor	Xeon E-2400 (Raptor Lake-E)	Xeon E-2400 (Raptor Lake-E)
Main Memory	4 DIMMs 128 GiB DDR5 4400/4800 ECC Unbuffered	4 DIMMs 128 GiB DDR5 4400/4800 ECC Unbuffered
LAN Onboard	2 x 1 GBit/s LAN (RJ-45)	2x 10 Gbit/s LAN (RJ-45)
LAN chipset	Intel i210AT	Intel X710-AT2
LAN Onboard (dedicated IPMI)	1x Management LAN	1x Management LAN
Onboard graphic	1x VGA ASPEED AST2600 BMC	1x VGA ASPEED AST2600 BMC

Additional card (optional)	PNY NVIDIA RTX A1000 (8GB)	PNY NVIDIA RTX A1000 (8GB)
Onboard Input/Output	USB (no PS2 ports!) 1x TPM Header	USB (no PS2 ports!) 1x TPM Header
USB ports	3x USB (rear) 3 x USB 3.2 Gen2 1x USB on board (type A) (USB 3.0)	3x USB (rear) 3 x USB 3.2 Gen2 1x USB on board (type A) (USB 3.0)

Extension-slots for additional cards

PCI slots (mainboard)	1x PCIe 4.0 x4 (in x8) 1x PCIe 5.0 x16	1x PCIe 4.0 x4 (in x8) 1x PCIe 5.0 x16
Available slots in the chassis	2x Full profile/Half Length	2x Full profile/Half Length

Onboard ports

SATA-3 (6 Gb/s)	8x SATA-3 (6 Gbit/s) Intel C262 RAID 0, 1, 10, 5, Software-Raid	8x SATA-3 (6 Gbit/s) Intel C262 RAID 0, 1, 10, 5, Software-Raid
M.2	1 x M.2 PCIe 3.0 x4	1 x M.2 PCIe 3.0 x4
M.2 form factor	2242, 2260, 2280	2242, 2260, 2280

Drives / storage capacity

Drive slots (total)	6x 3.5" / 2.5" (Hot-swap) 5x 2.5" (Internal, non-hot-swap)
SAS / SATA slots	6x SAS / SATA
NVMe / SAS / SATA hybrid slots	4x NVMe / SAS / SATA (hybrid)
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SAS)	184.32 TB
Max. capacity HDD (SATA)	144 TB
Max. capacity SSD (SATA)	46.08 TB
Max. capacity SSD (SATA)	184.32 TB
Max. capacity SSD (U.2 NVMe)	61.44 TB

Server management

Management software	ASUS Control Center (Classic)
Remote management	Integrated IPMI (dedicated NIC)

Chassis

Unit	5U
Dimensions	430 mm (H), 200 mm (W), 460 mm (D),
Drives (optional)	External USB-drives
Front USB ports	1

Power supply

Power supply unit	850 Watt Silent Netzteil (80plus Platinum) (be quiet Straight Power 12) (BN337)
energy efficiency	90%

Rack Assembly

Assembly rails	19" conversion-kit possible, optional available
----------------	---

environment-requirements

Recommended ambient temperature	20 - 22 degree
Recommended humidity	max. 40%
Recommended deployment location	Thanks to its design and low noise output (with optional silent kit), the system is optimally equipped for use in the office. With the 19" rack assembly conversion kit, the server can also be installed in a rack.